

Ultra Lightweight Camouflage Net Systems (ULCANS)



MISSION

ULCANS enhances Force survivability by providing concealment against high technology sensors, surveillance and fire control systems, including thermal and infrared sensors, near infrared systems, and radar, as well as visual detection.

DESCRIPTION AND SPECIFICATIONS

Ultra Lightweight Camouflage Net Systems (ULCANS) represents the successful fruition of a nine year development effort to provide camouflage protection against advanced battlefield sensors while improving the Soldier-friendliness/human factors of the legacy camouflage system. Multispectral threat sensors, including night vision and thermal devices, millimeter wave radar surveillance and weapons systems, found on today's battlefields have evolved significantly since the development of the legacy camouflage system. ULCANS innovative design provides a virtually snag-proof camouflage screen, simplified interconnection system, and improved support system. ULCANS is 26% lighter, 50% faster to deploy and more durable than the legacy system it replaces. ULCANS has been fully tested and provides improved background matching, enhanced thermal and radar signature suppression, which reduces the probability of detection and provides effective concealment against advanced threats.

FOREIGN COUNTERPART

A number of countries possess advanced camouflage systems.

FOREIGN MILITARY SALES

None

PROGRAM STATUS

ULCANS Woodland is currently in production. ULCANS Desert is in final development, and will be type classified in FY00. Subsequent variants, including Arctic/Snow and Urban are also slated for test and evaluation.

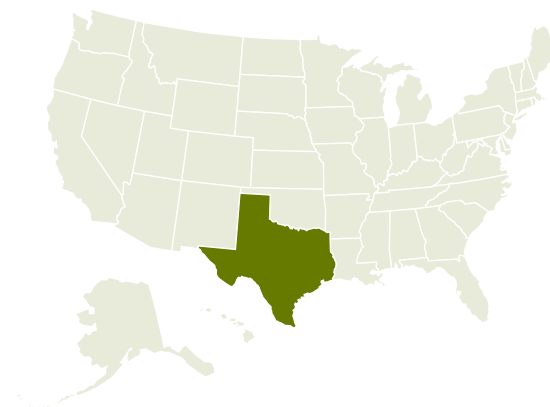
PROJECTED ACTIVITIES

3QFY00 ULCANS Desert MS IIIB/type classification

4QFY00 ULCANS production continues

PRIME CONTRACTORS

BAE Systems (Austin, TX) (formerly Marconi Aerospace Defense Systems)



* See appendix for list of subcontractors

